

WEST**• Searches for User *rschnizer* (Count = 437)****Queries 388 through 437.**[Oldest](#) [Newest](#) [Next](#) [Oldest](#)[Edit](#) [Help](#) [Return](#) [Main Menu](#) [Logout](#)

S #	Comment Database	Query
<u>S437</u>	USPT	(beta casein)same extraction
<u>S436</u>	USPT	((beta casein)near10 purif\$) and chromatography
<u>S435</u>	USPT	(beta casein)near10 purif\$
<u>S434</u>	USPT	beta casein
<u>S391</u>	USPT	5739407.pn.
<u>S390</u>	DWPI	maunufature of human beta casein
<u>S389</u>	DWPI	maunufature of human beta casein for use in infant formula
<u>S388</u>	DWPI	9304171.pn.

[Oldest](#) [Newest](#) [Next](#) [Oldest](#)[Edit](#) [Help](#) [Return](#) [Main Menu](#) [Logout](#)

SEARCH HISTORY FOR 09/095639

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, BIOTECHDS' ENTERED AT 13:14:06 ON
13 NOV 1999

- L1 6350 S BETA CASEIN
- L2 22 S L1 AND ((KNOCK OUT) OR NULL)
- L3 12 DUP REM L2 (10 DUPLICATES REMOVED)
- L4 5735 S INFANT FORMULA
- L5 22 S L1 AND L2
- L6 32 S L1 AND L4
- L7 24 DUP REM L6 (8 DUPLICATES REMOVED)

(FILE 'HOME' ENTERED AT 15:04:47 ON 17 NOV 1999)

FILE 'MEDLINE' ENTERED AT 15:04:53 ON 17 NOV 1999

- L1 157 S (BETA CASEIN) AND CHROMATOGRAPHY
- L2 16 S L1 AND CASEIN (15W) PURIF?
- L3 0 S (BETA CASEIN) (20W) PURIF
- L4 19 S (BETA CASEIN) (20W) PURIF?
- L5 120 S (BETA CASEIN) AND (FILTRATION OR MEMBRANE)
- L6 40 S L5 AND PURIF?

AN 118:58380 CA
TI Preparative-scale purification of bovine caseins on a
cation-exchange resin
AU Leaver, Jeffrey; Law, Andrew J. R.
CS Hannah Res. Inst., Ayr, K16 5HL, UK
SO J. Dairy Res. (1992), 59(4), 557-61
CODEN: JDRSAN; ISSN: 0022-0299
DT Journal
LA English
CC 17-8 (Food and Feed Chemistry)
AB Acid casein prep. from fresh skim bovine milk was loaded on a column of S-Sepharose Fast Flow, the column was washed with buffer (20 mM acetate-6M urea, pH 5.0), and the eluent collected. A 1600 mL linear gradient of NaCl (0.2-0.6M) was passed through the column to elute the bound caseins. Fraction 1, the unbound material, contained . ***beta*** .- ***casein*** , fraction 2 was .kappa.-casein, fraction 3 .alpha.s2-casein and fraction 4 .alpha.s1-casein. The purity of the casein fractions was estd. from FPLC profiles to be >90%. Both wet, pptd. caseinate and freeze-dried caseinate were suitable as starting materials providing that the quantity of urea was adjusted. A complete purifn. took 7 h.

Sent: haian

From: Ton, Thaian
Sent: Thursday, February 27, 2003 1:41 PM
To: Fredman, Jeffrey
Cc: Ton, Thaian
Subject: Rush Sequence Search Request

Hi Jeff,

Could you please approve this rush sequence search request? It is an amended due this bi-week that I am considering to allow.

Application Serial No: 09/095,639

First Named Inventor: POZZILLI, PAOLO

Please search bovine beta-casein (or fragments thereof) that lack any the following sequences:

SEQ ID NO: 1

SEQ ID NO: 2

SEQ ID NO: 3

SEQ ID NO: 4

against the commercial and interference protein databases.

Please let me know if this request is not clear. Thanks very much.

Thái-An N. Ton

Patent Examiner

Art Unit 1632

Room: 12A16 CM1

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